



09-28-4

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PTO/SB/21 (02-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/672,045
	Filing Date	September 26, 2003
	First Named Inventor	Frederick D. Gray
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	8645/1

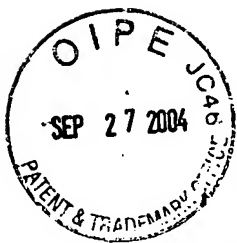
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas S. Birney, Esq.
Signature	Dorr, Carson, Sloan, Birney & Kramer, P.C.
Date	<i>Thomas S Birney</i>
	September 27, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of  
Frederick D. Gray et al.

Serial No.: 10/672,045

Filed: September 26, 2003

For: RESERVOIR FRACTURE  
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**INFORMATION DISCLOSURE STATEMENT**

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P.O. Box 1450  
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Dear Sir:

Applicant, Abdel M. Zellou, is aware of the art listed on the attached PTO/SB/08B form. Copies of this art are enclosed for use by the Examiner.

This statement is being submitted under 37 CFR 1.97(b) prior to a first Office Action on the merits in this case.

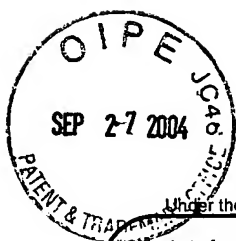
Respectfully submitted,

DORR, CARSON, SLOAN, BIRNEY & KRAMER, P.C.

Date: 9/24/04

By: Thomas S. Birney  
Thomas S. Birney  
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Attorney for Applicant, Abdel M. Zellou



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/672,045
Filing Date	September 26, 2003
First Named Inventor	Frederick D. Gray
Art Unit	
Examiner Name	
Attorney Docket Number	8645/1

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		AHMED OUENES, Practical application of fuzzy logic and neural networks to fractured reservoir characterization, Computers & Geosciences 26, 2000, pgs. 953-962, Elsevier Science Ltd., Amsterdam, The Netherlands	
		A. OUENES, S. RICHARDSON and W.W. WEISS, Fractured Reservoir Characterization and Performance Forecasting Using Geomechanics and Artificial Intelligence, 1995, pgs. 425-436, SPE 30572, Society of Petroleum Engineers, Inc., Richardson, Texas	
		B.D.M. GAUTHIER et al., Integrated Fractured Reservoir Characterization: a Case Study in a North Africa Field, 2000, pgs. 1-11, SPE 65118, Society of Petroleum Engineers, Inc., Richardson, Texas	
		A.M. ZELLOU, A. OUENES and A.K. BANIK, Improved Fractured Reservoir Characterization Using Neural Networks, Geomechanics and 3-D Seismic, 1995, pgs. 205-215, SPE 30722, Society of Petroleum Engineers, Inc., Richardson, Texas	
		A.M. ZELLOU and A. OUENES, Integrated Fractured Reservoir Characterization Using Neural Networks and Fuzzy Logic: Three Case Studies, Journal of Petroleum Geology, October 2001, pgs. 1-18, vol. 24(a), Scientific Press Ltd., UK	
		A. OUENES et al., Practical Use of Neural Networks in Tight Gas Fractured Reservoirs: Application to the San Juan Basin, 1998, pgs. 1-8, SPE 39965, Society of Petroleum Engineers, Inc., Richardson, Texas	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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